

GASTRIC MOTILITY STUDIES

- **B. ELECTROGASTROGRAM (E.G.G.)**
- **PURPOSE:**
 - **TO RECORD THE CHANGES IN GASTRIC ELECTRIC ACTIVITY THAT OCCUR WITH SPACE FLIGHT**
- **TESTING SCHEDULE:**
 - **PRE: 3x (AT SAME TIME AS A. BOWEL SOUNDS RECORDING)**
 - **IN: 2x, FD 2 AND FD 4 AT SAME TIME AS BOWEL SOUNDS RECORDING**
 - **POST: NO REQUIREMENT**
- **TRAINING REQUIREMENT:**
 - **2x, 1 HOUR EACH (COMBINED WITH BOWEL SOUNDS TRAINING)**

GASTRIC MOTILITY STUDIES (CONT)

● PROCEDURES:

- **(1) UNSTOW SONY WALKMAN, CASSETTE AND ABDOMINAL MICROPHONE BELT**
- **(2) PLUG CONNECTOR INTO SONY (RED JACK LINE IN)**
- **(3) RECORDER CONTROLS:**
 - **REC LEVEL - MAX CLOCKWISE**
 - **LINE IN/MIC - LINE IN**
 - **TAPE - NORMAL**
 - **DOLBY NR - OFF**
 - **COUNTER - 000 (ONLY FOR NEW TAPES)**
 - **SIMULTANEOUSLY DEPRESS - PLAY, RECORD**

GASTRIC MOTILITY STUDIES (CONT)

- **(4) MICROPHONE BATT PACK - ON (RECORDER - ON)**
- **(5) PLUG IN EARPHONES, SET REPLAY VOL NEAR MAX (FRONT PANEL), TOUCH R & L MICROPHONES SEPARATELY. IF SOUND NOT HEARD IN R & L EARPHONES, REPLACE RECORDER OR MIC BELT AS REQUIRED. (REMOVE EARPHONES FOR CONVENIENCE)**
- **(6) INSERT TAPE, RECORD SUBJECT, MET ON TAPE (BY TALKING INTO MIC)**
- **(7) BARE UPPER ABDOMEN**
- **(8) STRAP MICROPHONE BELT AROUND ABDOMEN WITH BATT PACK MIDLINE**
- **(9) CONTINUE RECORDING UNTIL CASSETTE COMPLETE (45 MIN)**
- **(10) RECORD MET, SUBJECT ON SECOND SIDE OF TAPE**
- **(11) MICROPHONE BATT - OFF**
- **(12) DISCONNECT, STOW**
- **(13) MARK CASSETTES WITH NAME, MET, AND 'STOP TAPE COUNT NUMBER'**